

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
11 August 2005 (11.08.2005)

PCT

(10) International Publication Number  
WO 2005/073867 A1

(51) International Patent Classification<sup>7</sup>: G06F 15/16 (74) Agent: DEPENNING & DEPENNING; 31 South Bank Road, Chennai 600 028, Tamil Nadu (IN).

(21) International Application Number: PCT/IN2004/000020

(22) International Filing Date: 28 January 2004 (28.01.2004)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): SANKHYA TECHNOLOGIES PRIVATE LIMITED [IN/IN]; Third Floor, Jayashree, 13/2, Jayalakshmpuram First Street, Nungambakkam, Chennai 600 034, Tamil Nadu (IN).

(72) Inventors; and

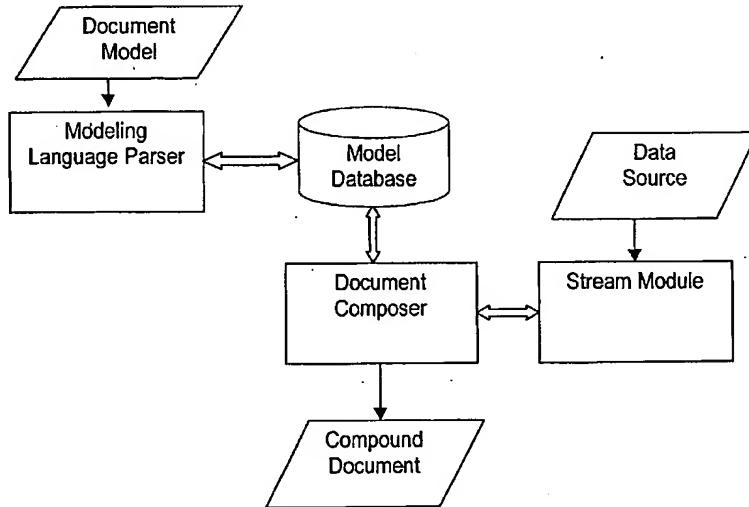
(75) Inventors/Applicants (for US only): GOPI, Kumar, Bulusu [IN/IN]; Third Floor, Jayashree, 13/2, Jayalakshmpuram First Street, Nungambakkam, Chennai 600 034, Tamil Nadu (IN). MURALI, Desikan [IN/IN]; Third Floor, Jayashree, 13/2, Jayalakshmpuram First Street, Nungambakkam, Chennai 600034, Tamil Nadu (IN).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

{Continued on next page}

(54) Title: CONVERTING A HETEROGENEOUS DOCUMENT



(57) **Abstract:** A method for transforming a heterogeneous compound document to a desired format based on a prescribed model is provided. The method comprises the steps of: (i) specifying the components of the heterogeneous compound document as a hierarchical tree structure in multiple formats and specifying the input sources of information for each of the components as part of the model; verifying and composing the heterogeneous compound document using a modeling language parser and a document composer by dynamically obtaining input information from the sources specified in the model and (iii) converting the input compound document to the desired format using the document composer. A system for performing the abovementioned method is also provided.

WO 2005/073867 A1



**Published:**

— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*